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Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

ATTY. DOCKET NO.	APPLICATION NO.
4441-0111P	10/681,105
APPLICANT	
LILJERYD, et al.	
FILING DATE	GROUP
October 9, 2003	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
RJ	US 5,436,940	A	1995-07-25	NGUYEN			
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						

FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	TRANSLATION NO

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER [signature] DATE CONSIDERED 12/21/06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RWD
TCB/RWD/lab

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GTB E JC25 SEP 16 2004 PATENT & TRADEMARK OFFICE

ATTY. DOCKET NO.	APPLICATION NO.
4441-0111P	10/681,105
APPLICANT: Lars Gustaf LILJERYD et al.	
FILING DATE: October 9, 2003	GROUP: 2644

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US						
	US						
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FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	TRANSLATION NO

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

RWD	"Audio Spectral Coder", by Anibal J. S. Ferreira, AES Reprint 4201, 100th Convention, Copenhagen, May 11, 1996, XP002100534, pages 1-16.

EXAMINER: [signature] DATE CONSIDERED: 12/21/06

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TCB/RWD/mlr

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ATTY DOCKET NO.	APPLICATION NO.
4441-0111P	NEW DIV
APPLICANT: LILJERYD, et al.	
FILING DATE: October 9, 2003	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 4,771,465		1988-09-13	BRONSON et al.			
	US 5,040,217		1991-08-13	BRANDENBURG et al.			
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	US 5,684,920		1997-11-04	IWAKAMI et al.			
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	4,150,253			Knoppel			

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	High-Frequency Regeneration in Speech Coding Systems, John Makhoul and Michael Berouti, Bolt Beranek and Newman, Inc., MA, pages 428-431, IEEE 1979
	Discovering Inner Complexity: Time Shifting and Transposition with a Real-Time Granulation Technique, Barry Truax, Computer Music Journal, 18:2, pages 38-38, Summer 1994
	Statistical Recovery of Wideband Speech from Narrowband Speech, Yan Ming Cheng, Douglas O' Shaughnessy, and Paul Mermelsuein, IEEE Transactions on Speech and Audio Processing, Vol. 2, No. 4, October 1994
	Quality Enhancement of Band Limited Speech by Filtering and Multirate Techniques, Hiroshi Yasukawa, NTT Transmission Laboratories, Yokosuka-shi, Kanagawa, 238-03, Japan
	An Efficient Method for Pitch Shifting Digitally Sampled Sounds, Keith Lent, Computer Music Journal, Massachusetts Institute of Technology, Vol. 13, No. 4, Winter 1989

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	Audio Spectral Coder, A.J.S. Ferreira, AES Preprint 4201, 100th Convention, May 11-14, 1996, Copenhagen
	Improving Audio Codecs ;by Noise Substitution, D. Schultz, JAES, Vol. 44, No. 7/8, 1996
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	Lapped Transforms for Efficient Transform/Subband Coding, H. S. Malvar, IEEE Trans ASSP, Vol. 38, no. 6, 1990
	Multirate Systems and Filter Banks, P. P. Vaidyanathan, Prentice Hall, Englewood Cliffs, New Jersey, 1993, ISBN 0-13-605718-7
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	The Application of Generalized Linearity to Automatic Gain Control, T.G. Stockham, Jr., IEEE Trans. on Audio and Electroacoustics, Vol. Au-16, No. 2, June 1968
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